Abstract of the Disclosure

This invention relates to a method for determination of a change in volumetric efficiency for an internal combustion engine, whereby a reference volumetric efficiency is determined in advance, a first prevailing volumetric efficiency which corresponds to a sensor error is determined at a first measurement point (M1, L1) in a first rotational speed range in which a change in the flow losses in an intake tract has only a minor effect on the volumetric efficiency, a second prevailing volumetric efficiency at a second measurement point (M2, L2) in a second rotational speed range is determined, this rotational speed range being above the first rotational speed range in terms of rotational speed, the second prevailing volumetric efficiency is corrected by means of the first prevailing volumetric efficiency and the change in volumetric efficiency is determined from the reference volumetric efficiency and the corrected second prevailing volumetric efficiency. The inventive method is preferably used in a control/regulation of an exhaust gas recirculation rate.